

8 Birds

E-1

RARE BOOK CASE

Rothschild

...

Avifauna of Laysan
Plates



598.29969

R84

3 Birds

fql
694
H326
1893
plates
SCN4RB

598,29969

.R84

5 Pards



Arrif. of Laysan etc.



Williams, Photo. Honolulu

GROUP OF PALM TREES.
LAYSAN ISLAND.

Bedford, Lemere & Co. Photo imp. London.

653
H. M.

Arriv. of Laysan etc.



Williams, Photo. Honolulu.

COLLECTING GUANO.
LAYSAN ISLAND.

Bedford Lemere C3, Photo imp. London.

Arif. of Laysan etc.



Williams, Photo, Honolulu.

GUANO SHEDS.
LAYSAN ISLAND

Bedford Levere & Co., Photo imp. London.

Arriv. of Laysan etc.



Williams Photo Honolulu.

TRAM LINE AND SHEDS.
LAYSAN ISLAND.

Bedford Lemere & Co., Photo imp. London.

Arrif. of Laysan etc.

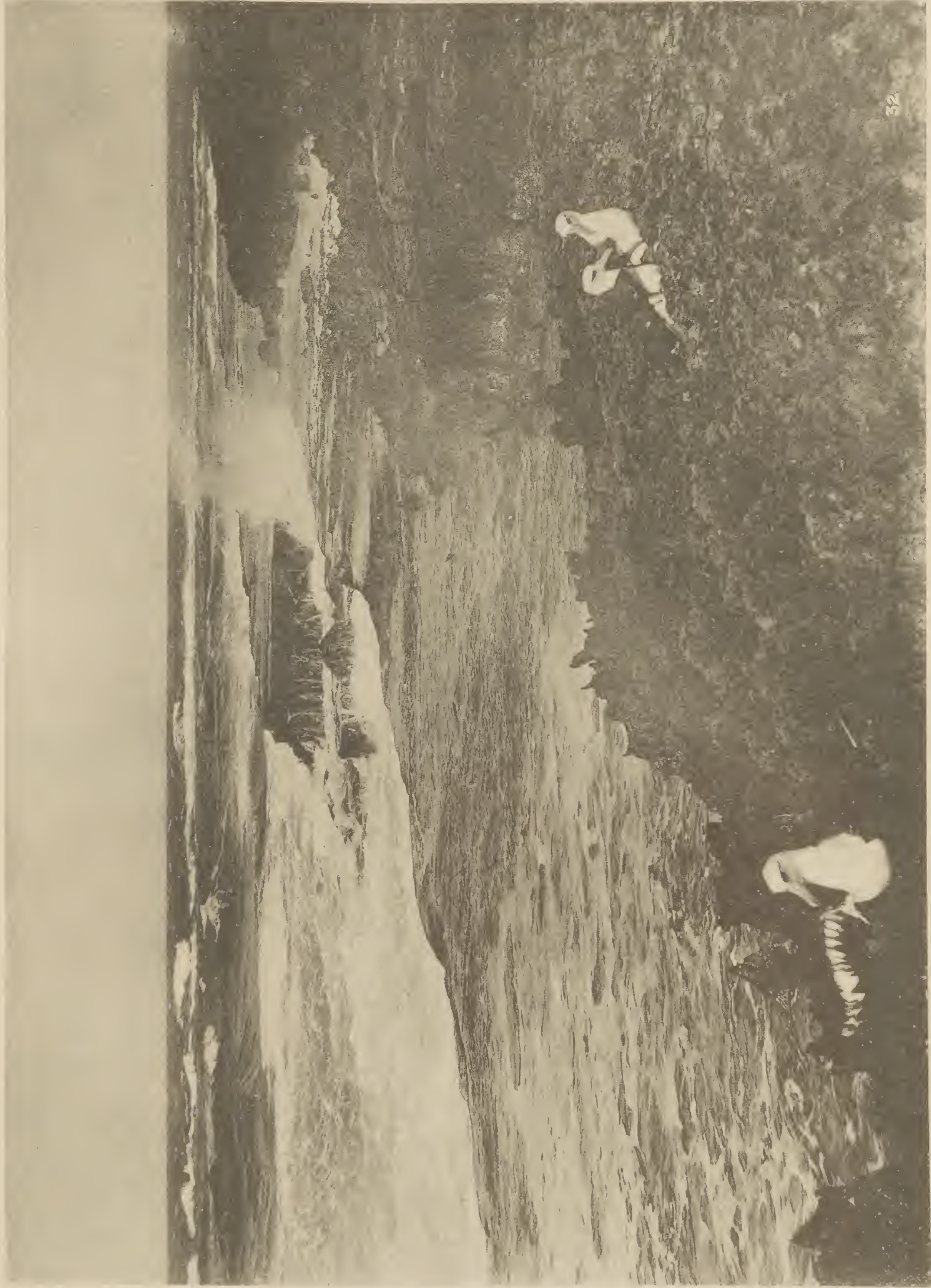


F. W. Frohawk del. et lith.

LIGHTHOUSE ON LAYSAN ISLAND.

Mintern. Bros. imp.

Arriv. of Laysan etc

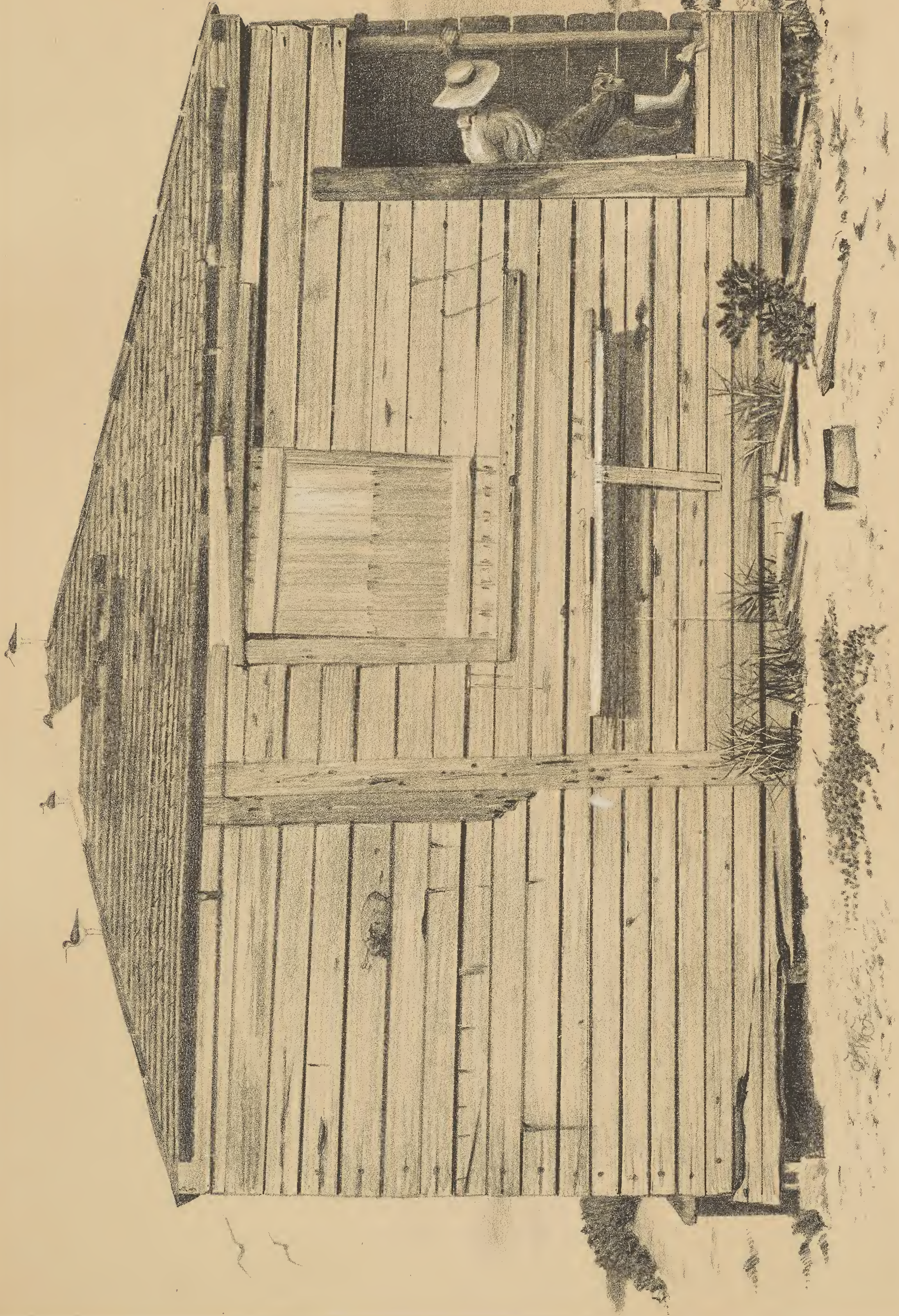


Williams Photo. Honolulu

COAST VIEW,
LAYSAN ISLAND.

Bedford Lemere & Co, Photo imp. London.

Arif. of Laysan etc.



F. W. Erchawke del. et lith.

WRECKED SAILORS' HOUSE.
MIDWAY OR BROOK'S ISLANDS.

Mintern Bros. imp.

Arif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



Arif. of Laysan etc.



Arif. of Laysan etc.



F. W. Frohawk del. et lith.

PORZANULA PALMERI, FROHAWK.
A. ♂ AD. B. ♀ AD. C. ♂ JUV. D. FULL.

Mintern Bros. imp.

Arif. of Laysan etc.

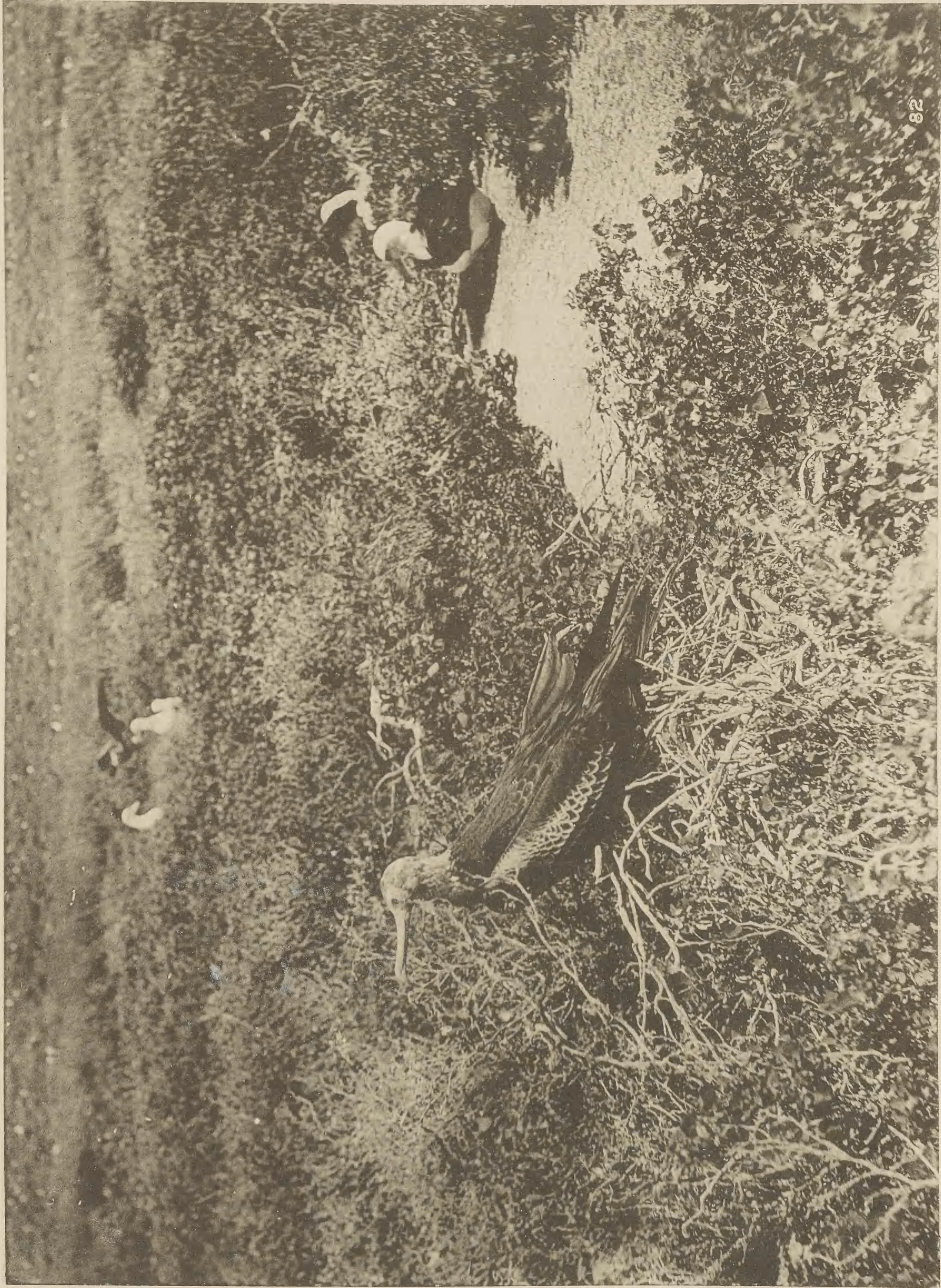


J. G. Keulemans del. et lith.

ANAS LAYSANENSIS, ROTHSCH.

Mintern Bros. imp.

Arif. of Laysan etc.



Arrif. of. Laysan etc.



9

Arif. of Laysan etc.



Williams, Photo. Honolulu.

FRIGATE BIRD AND GANNET FIGHTING.
LAYSAN ISLAND.

Bedford Lemere & Co. Photo imp. London.

Arif. of Laysan etc.



Williams, Photo, Honolulu.

FRIGATE BIRD ON NEST, AND 2 ALBATROSSES.
LAYSAN ISLAND.

Bedford Lemere & Co, Photo imp. London.

Arif. of Laysan etc.



F. W. Frohawk del. et lith.

PALMER AMONG THE FRIGATE BIRDS.
LAYSAN ISLAND.

Mintern Bros. imp.

Arriv. of Laysan. etc.



Arif. of Laysan etc.



Williams, Photo, Honolulu.

PALM TREE MENTIONED BY KITTLITZ, WITH GANNETS NEST.
(LAYSAN ISLAND.)

Bedford, Lemere & Co, Photo imp. London

Avif. of Laysan etc.



Williams, Photo. Honolulu.

WHITE TERN *GYGIS ALBA* .
LAYSAN ISLAND.

Bedford Lemere & Co. Photo imp. London.

Arrif. of Laysan etc.



Williams, Photo. Honolulu.

WHITE TERN (GYGIS ALBA).
LAYSAN ISLAND.

Bedford Lemere & Co., Photo imp. London.

Avif. of Laysan etc.



2/3

J. G. Keulemans del. et lith.

HALIPLANA LUNATA, (FEALE.)

Mintern Bros. imp.

Arif. of Laysan etc.



F. W. Frohawk del. et lith.

NESTING PLACE OF SOOTY TERN.
FRENCH FRIGATE SHOALS.

Mintern Bros. imp.

Avif. of Laysan etc.

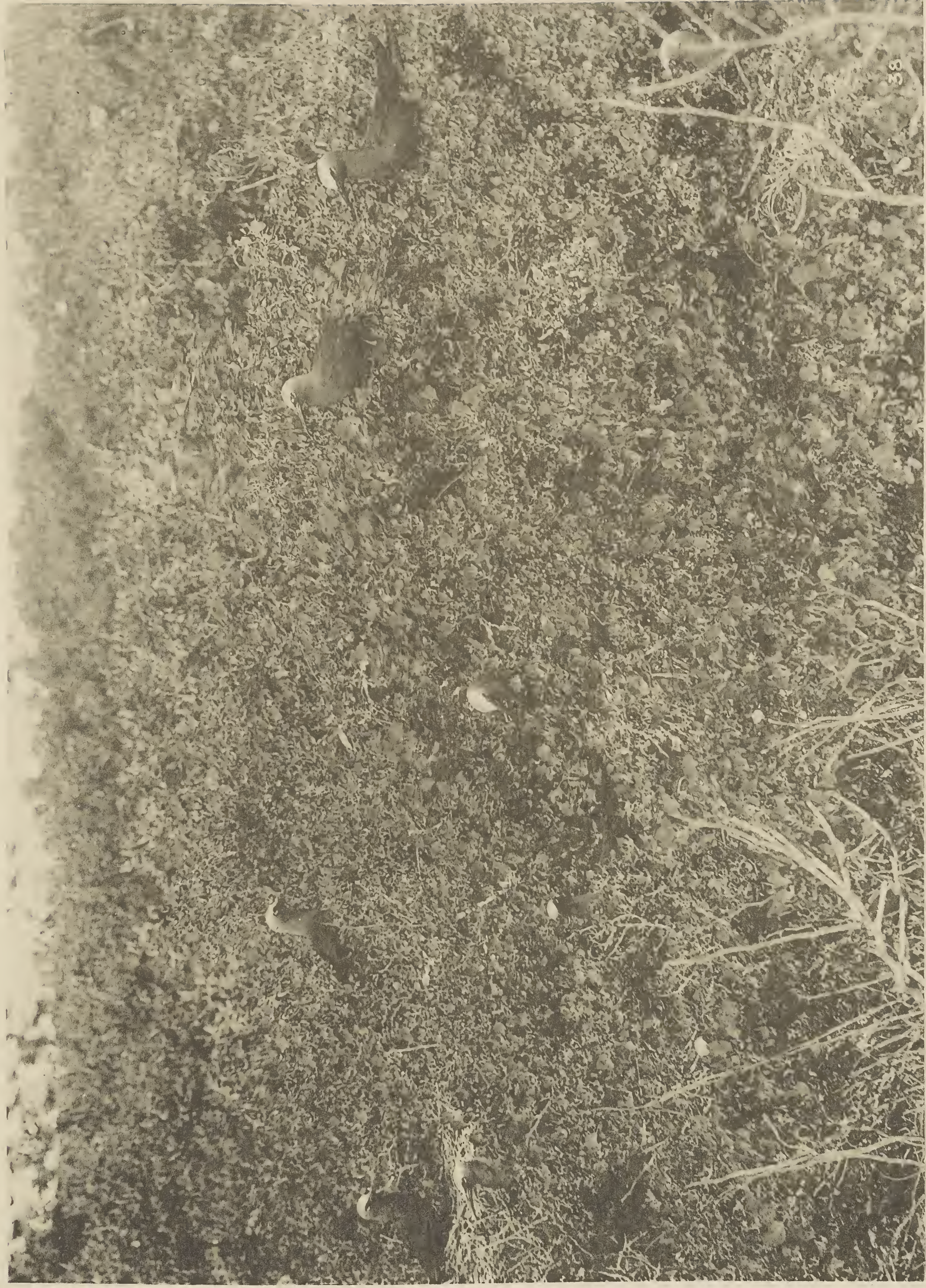


J. G. Keulenans del. et lith.

1. ANOUS STOLIDUS, (LINN) FROM THE UNITED STATES.
2. ANOUS MELANOGENYS, GRAY. FROM KERMADEC ISLANDS.
FOR COMPARISON WITH ANOUS HAWAIIENSIS, ROTHSCH.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith.

ANOUS HAWAIIENSIS, ROTHSCH.
A. ADULT. B. YOUNG. C. PULL.

Mintern Bros. imp.

Avif. of Laysan etc.



$\frac{3}{4}$

J. G. Keulemans del. et lith.

PUFFINUS NATIVITATIS, STREETS.

Minuart Bros. imp.

Arrif. of Laysan etc.



Williams, Photo. Honolulu.

WHITE ALBATROSSES AND PETRELS ON NESTS.
LAYSAN ISLAND.

Bedford Lemere & Co. Photo imp. London.

Arif. of Laysan etc.



J. G. Keulemans del. et lith.

OESTRELATA HYPOLEUCA, SALVIN.

Mintern Bros. imp.

Arif. of Laysan etc.



Williams Photo, Honolulu.

COLONY OF BLACK ALBATROSS
LAYSAN ISLAND.

Bedford Lemere & Co, Photo imp. London.

Arif. of Laysan etc.



$\frac{1}{3}$

DIOMEDEA BRACHYURA, TEMM.

J. G. Keulemans del. et lith.

Mintern Bros. imp.

Arrif. of Laysan etc.



F. W. Frohawk del. et lith.

GUANO DIGGERS AMONG THE ALBATROSSES
LAYSAN ISLAND.

Mirren Bros. imp.

Arif. of Laysan. etc.



F. W. Frohawk del. et lith.

ALBATROS-NESTS.
LAYSAN ISLAND

Mintern Bros. imp.

Arrif. of Laysan etc.



WHITE ALBATROSS ON NEST.
LAYSAN ISLAND.

Williams Photo. Honolulu.

Bedford, Lemere & Co., Photo imp. London.

Arrif. of Laysan etc.



48

Avif. of Laysan etc.



Williams, Photo Honolulu.

GROUP OF FOUR WHITE ALBATROSSES
LAYSAN ISLAND.

Bedford, Iernere & Co, Photo imp. London.

Avif. of Laysan etc.



Williams Photo, Honolulu.

COLONY OF WHITE ALBATROSS.
LAYSAN ISLAND.

Bedford Lemere & Co. Photo Imp. London.

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

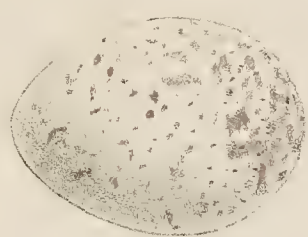
DIOMEDEA IMMUTABILIS, ROTHSCH.

Mintern Bros. imp.

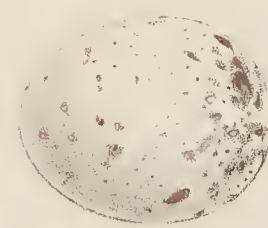
Avif. of Laysan etc.



I.



A.



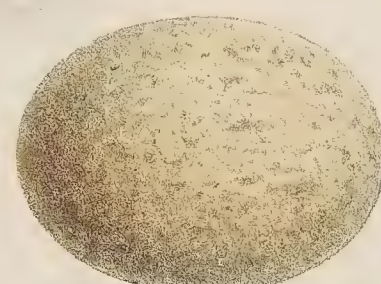
B.



II.



C.



D.

F.W.Frohawke del et lith.

Mintern Bros. imp.

I. NEST OF TELESPIZA FLAVISSIMA, (ROTHSCH). A, B, EGGS.
II. NEST OF PORZANULA PALMERI, FROHAWK. C, D, EGGS.

Avif. of Laysan etc.

III.



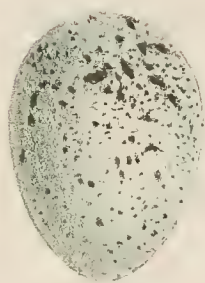
9.



9.



13.



E.



F.



G.



13.



11.



11.



5.



11.



11.



6.

F.W. Frohawk del. et lith.



8.



8.



10.

Mintern Bros. imp.

III. NEST OF ACROLOCEPHALUS FAMILIARIS E. F. G. EGGS.
 5. BULWERIA COLUMBINA. 9. HALIPLANA LUNATA.
 6. PUFFINUS NATIVITATIS. 10. PUFFINUS CUNEATUS.
 8. PHÆTON RUBICAUDA. 11. GYGIS ALBA.
 13. ANOUS HAWAIIENSIS.

Avif. of Laysan etc.



J. G. Heulemans del. et lith.

Mintern Bros. imp.

- | | | |
|----|-----------|--------------------------|
| 1. | PHAEORNIS | OBSCURA, (GM.) JUV. |
| 2. | " | MYIADESTINA, STEJN. JUV. |
| 3. | " | LANAIENSIS, WILS. JUV. |

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

CHASIEMPIS SANDWICHENSIS, (GM.)
1. ADULT 2. MED., 3. JUV.

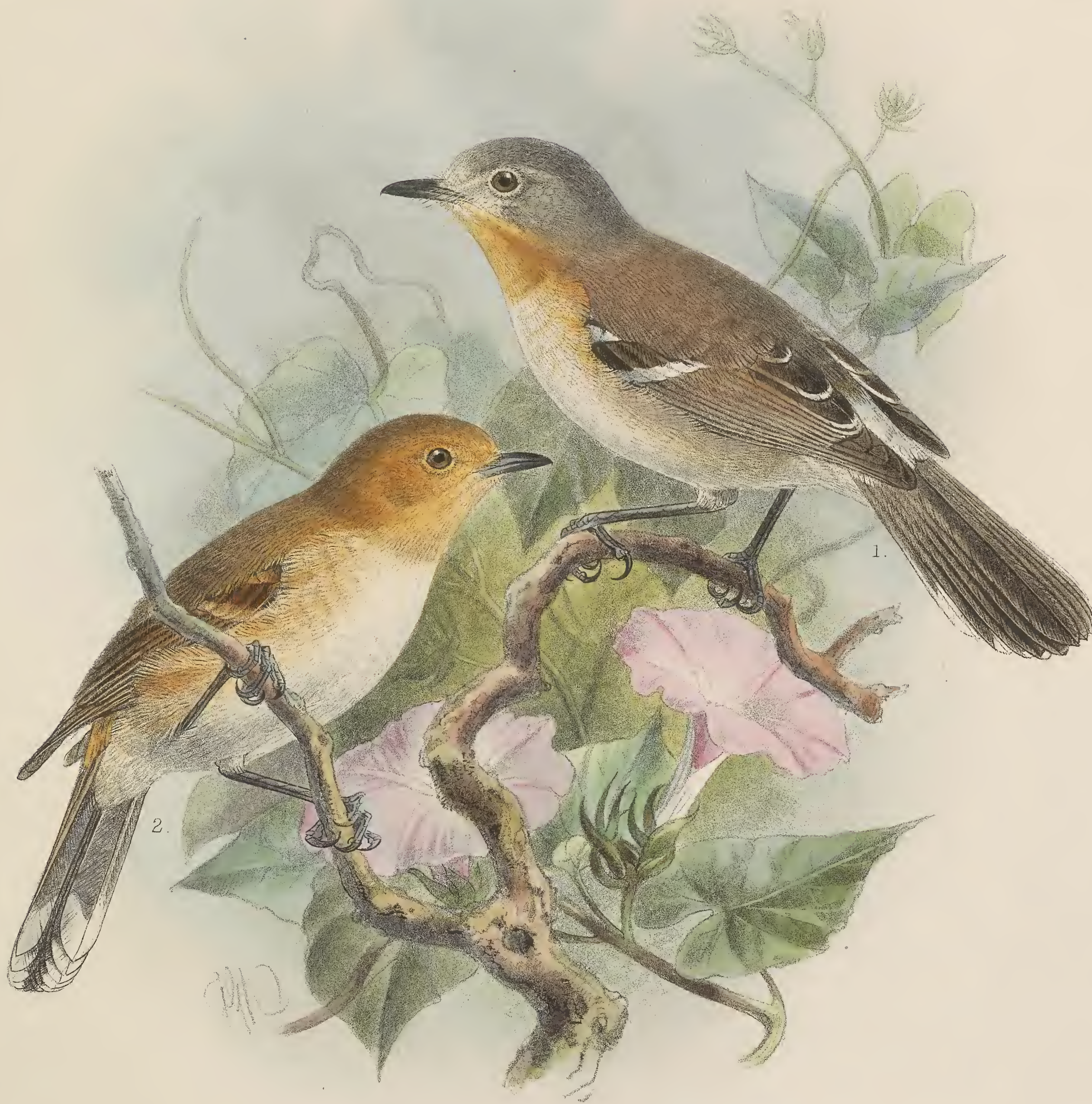
Mintern Bros. imp.

Avif. of Laysan etc.



1. CHASIEMPIS SANDWICHENSIS, (GM) PERE ADULT.
2. CHASIEMPIS GAYI, WILS. JUV.
3. CHASIEMPIS GAYI, WILS. ADULT.

Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith.

HETERORHYNCHUS HANAPEPE (WILS.)
1. ♂ AD. 2. ♂ JUV.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith.

HETERORHYNCHUS LUCIDUS, (LICHT.)
1. ♂. AD. 2. ♂. JUV. 3. ♀.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



J. E. M. del. et lith.

OREOMYZA MACULATA, (CAB.)
1 ♂ AD 2. ♂ JUV. 3. ♀. 4. PULL.

Mintem. Bros. imp.

Avif. of Laysan etc



Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith.

OREOMYZA FLAMMEA, (WILSON.)
1, ♂ AD. 2, ♀ AD. 3, ♂ JUV. 4, ♀ JUV.

Mintern Bros. imp.

Avif of Laysan etc.



J. G. Keulemans del et lith.

1. HIMATIONE VIRENS, (GM.) ♂ AD.

3. " WILSONI, ROTHSCH. ♂ AD.

2. HIMATIONE CHLORIS, CAB. ♂ AD.

4. " STEJNEGERI, WILS. ♂ AD.

Mintern Bros. imp.

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

PALMERIA DOLEI, (WILS.)
1. ADULT. 2. JUV. (FIRST PLUMAGE) 3. MED.

Mintern Bros. imp.

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

DREPANIS PACIFICA, (GM.)

Mintern Bros. imp.

Ataf. & Laysan Is.



J. G. Keulemans del. et lith.

DREPANORHYNCHUS FUNEREUS, (NEWTON).

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



Arif. of Laysan etc.



J.G. Keulemans del. et lith.

LOXOPS WOLSTENHOLMEI, ROTHSCH.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



Avif. of Laysan etc.

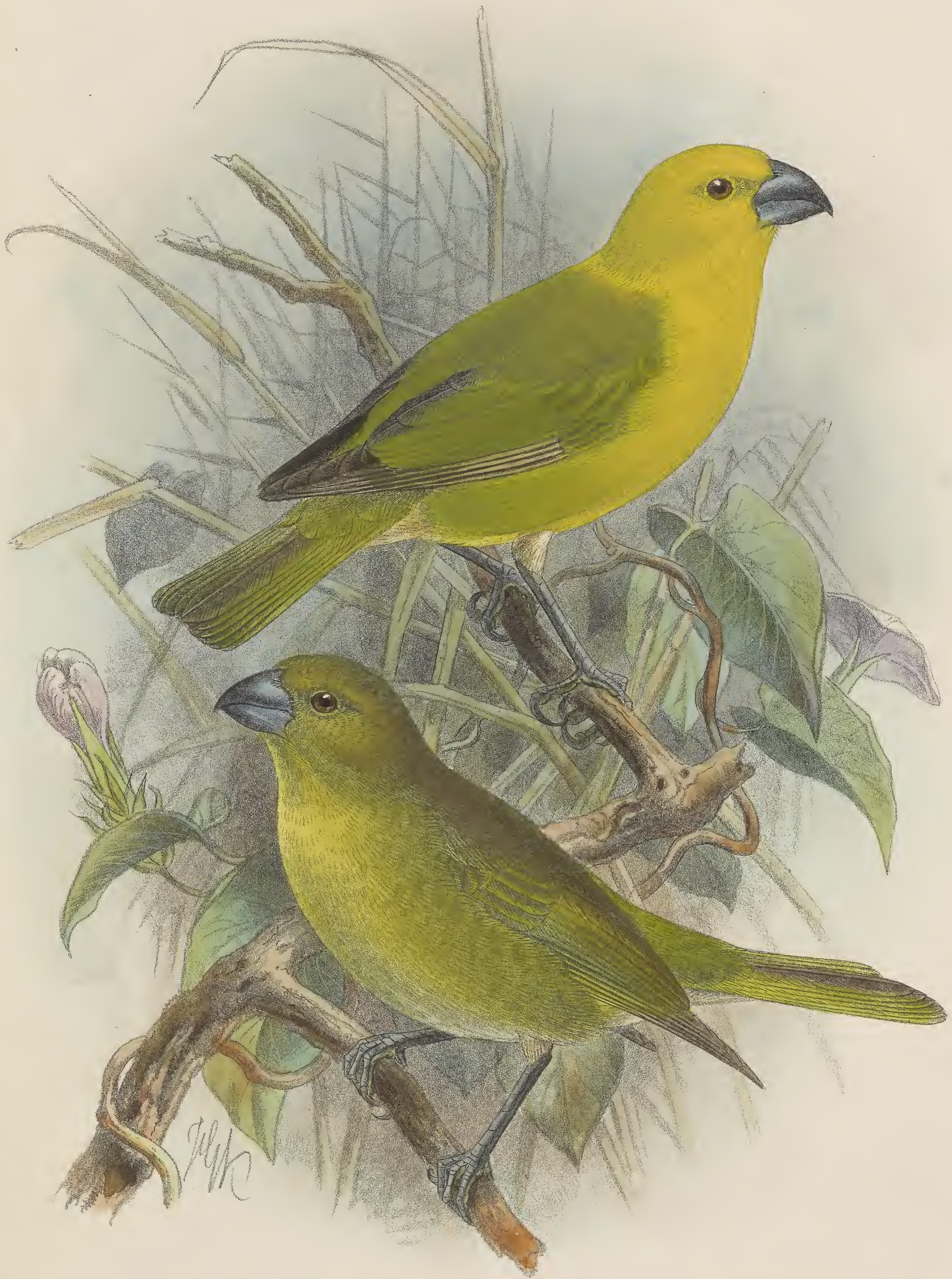


J. G. Keulemans del. et lith.

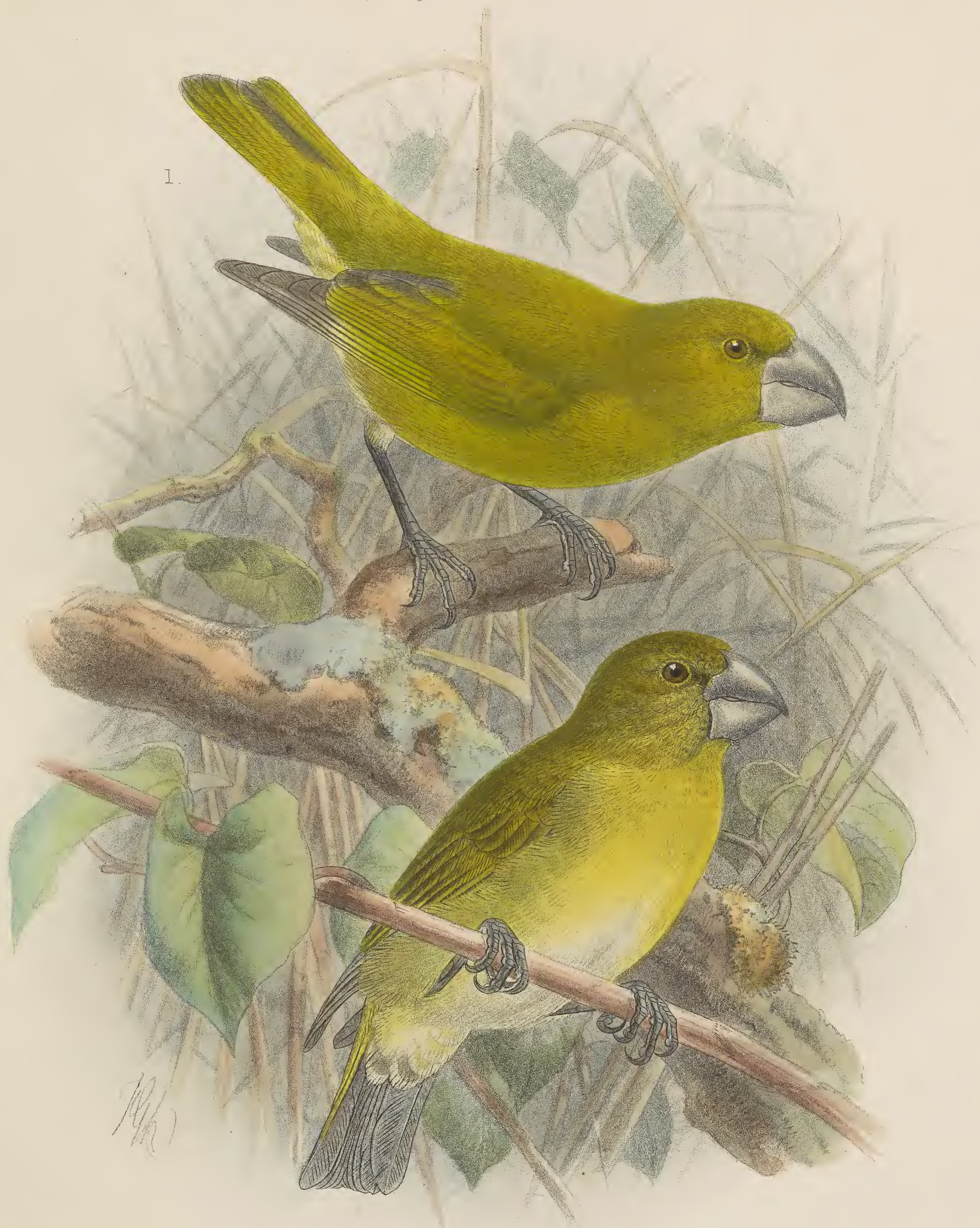
TELESPIZA PALMERI, (ROTHSCH.)
1. ♂ AD. 2. ♀ AD. 3. JUV.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith.

CHLORIDOPS KONA, WILS.
1. AD 2. JUV.

Miner Bros. imp.

Avif. of Laysan etc.



Arif. of Laysan etc.



J.G. Keulemans del. et lith.

MOHO NOBILIS, (MERREM) ♂ & ♀ AD.

Mintern Bros. imp.

Arif. of Laysan etc.



J. G. Keulemans del. et lith.

MOHO APICALIS, GOULD.
1. ♂. 2. ♀.

Mitern Bros. imp.

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

MOHO BISHOPI, (ROTHSCH.) ♂ & ♀ AD.

Mintern Bros. imp.

Avif. of Laysan etc.



Avif. of Laysan etc.



J. G. Keulemans del. et lith. PENNULA SANDWICHENSIS (GM.)
IN THE LEYDEN MUSEUM.

PENNULA MILLSI, DOLE.
IN THE TRING MUSEUM.

Mintern Bres. imp.

Avif. of Laysan etc.



J. G. Keulemans del. et lith.

HIMANTOPUS KNUDSENI. STEJN.
ADULT AND PULLUS.

Mintern Bros. imp.

Arif. of Laysan etc.



J. G. Keulemans del. et lith.

ANAS WYVILLIANA, SCL.
2 MALES.

Minton Bros. imp.

Arif. of Laysan etc.



J. G. Keulemans del. et lith.

ANAS. WYVILLIANA. SCHL.
♀ AD. & NESTLINGS.

Mintem Bros. imp.

Arif. of Laysan etc.



Avif. of Laysan etc.



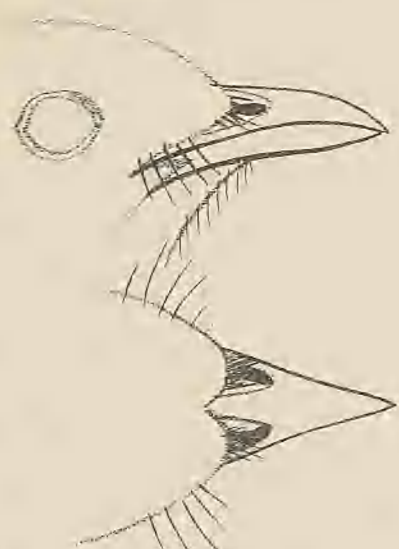
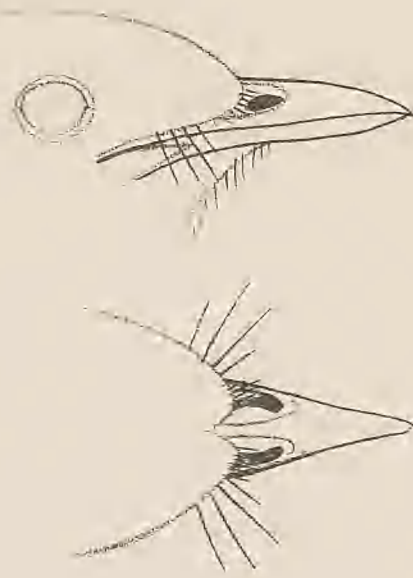
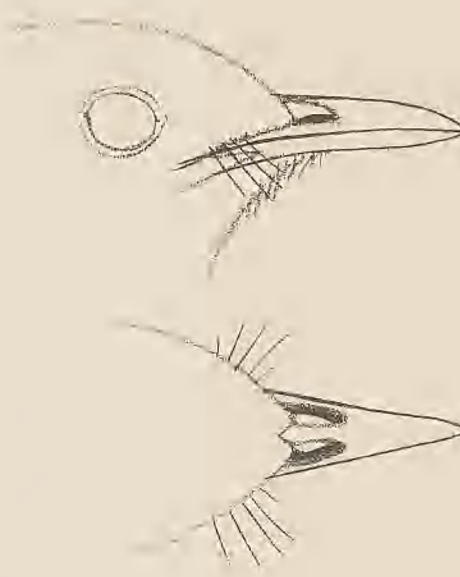
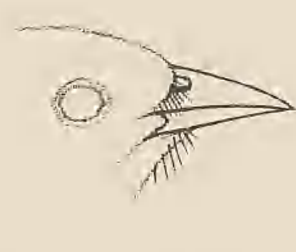
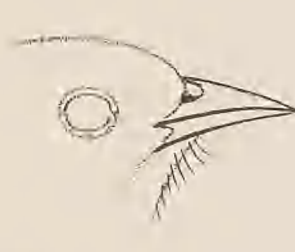
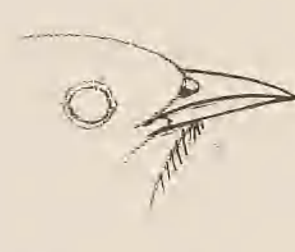
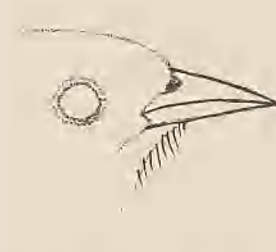
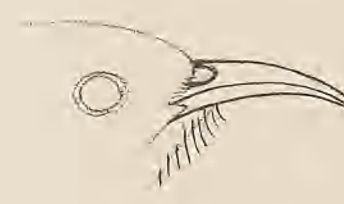
1.



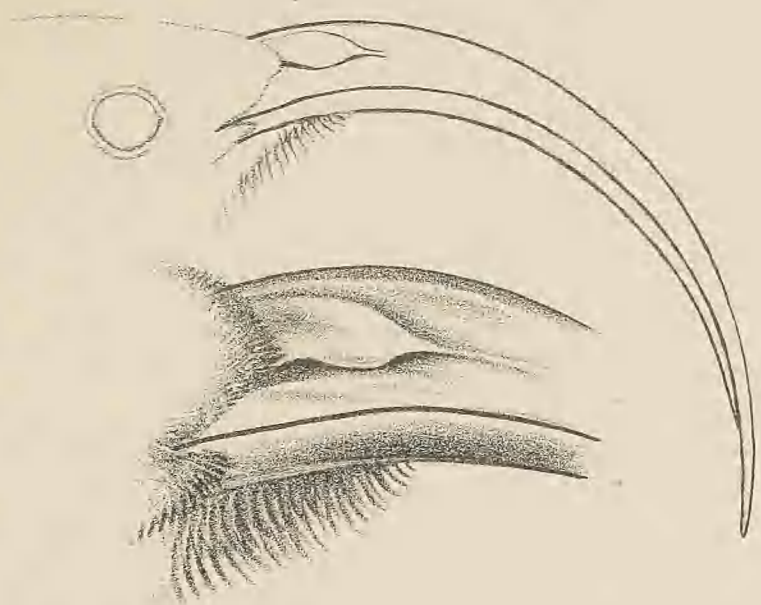
2.

1. NEST AND EGGS OF CHASIEMPIS GAYI.
2. " " HIMATIONE VIRENS.

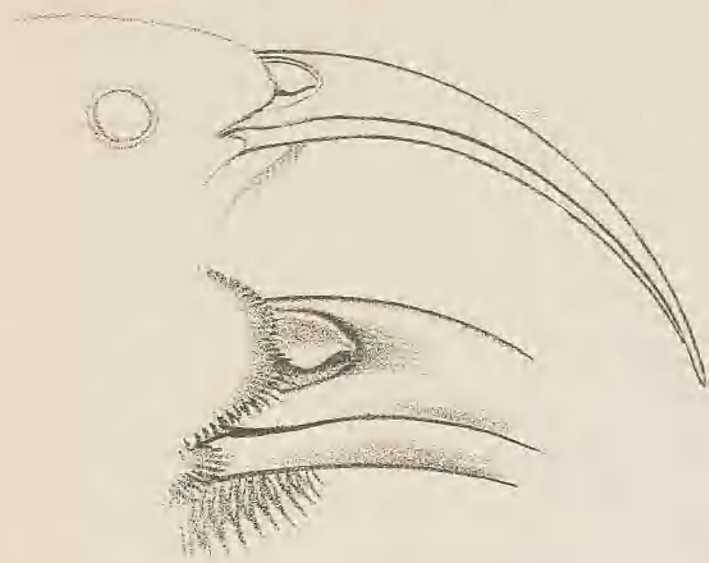
Avif. of Laysan etc.

1. *Ph. myiadestina.*2. *Ph. obscura.*3. *Ph. lanaiensis.*4. *Ph. palmeri.*5. *Chas. sandwichensis.*6. *Chas. gayi.*7. *Chas. sclateri.*8. *Vir. sagittirostris.*9. *Lox. caeruleirostris.*10. *Lox. ochracea.*11. *Lox. coccinea.*12. *L. wolstepholmei.*13. *Ciridops anna.*14. *Oreom. bairdi.*15. *O. mana.*16. *O. flammea.*17. *O. maculata.*18. *Oreom. newtoni.*19. *O. montana.*20. *O. parva.*21. *Himat. stejnegeri.*22. *Him. sanguinea.*23. *Himat. freethii.*24. *Himat. wilsoni.*25. *Himat. virens.*26. *Himat. chloris.*27. *Heter. wilsoni.*28. *Heter. hanapepe.*29. *Heter. affinis.*30. *Heter. lucidus.*31. *Hemign. procerus.*32. *Hemign. ellisianus.*33. *Hemign. lanaiensis.*34. *Hemign. obscurus.*

Avif. of Laysan etc.



35. *Drepanorh. funereus*.



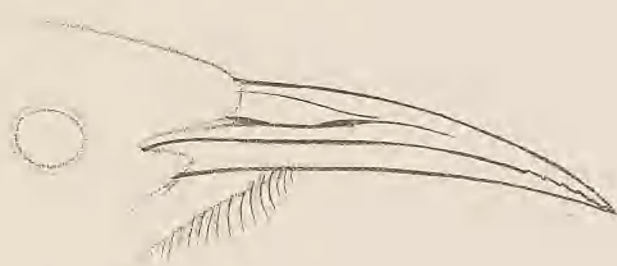
36. *Drepanis pacifica*.



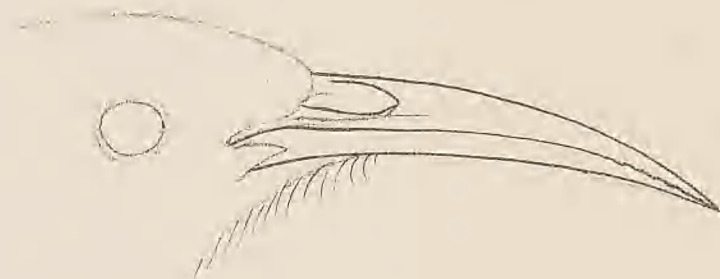
37. *Vestiaria coccinea*.



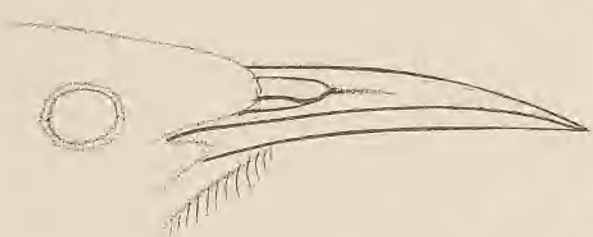
38. *Moho nobilis*.



39. *Moho apicalis*.



40. *Moho bishopi*.



41. *Moho braccatus*.



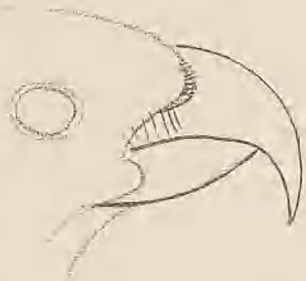
42. *Chaetoptila angustipluma*.



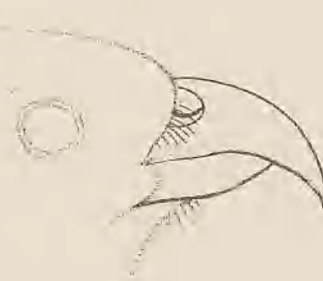
43. *Palmeria dolei*.



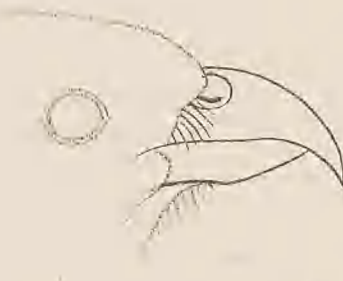
44. ♂. *Pseudonestor xanthophrys*.



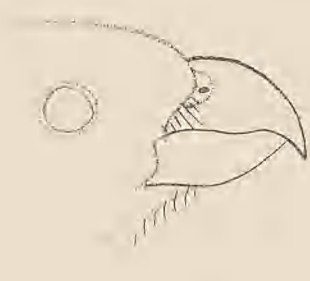
45. ♀.



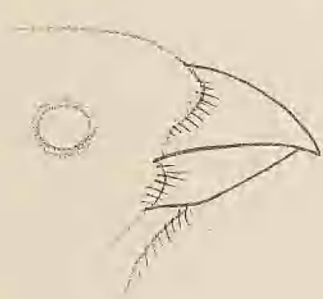
46. ♂. *Psittirostra psittacea*.



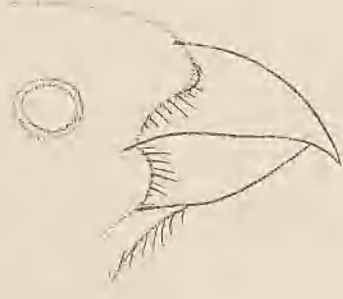
47. ♀.



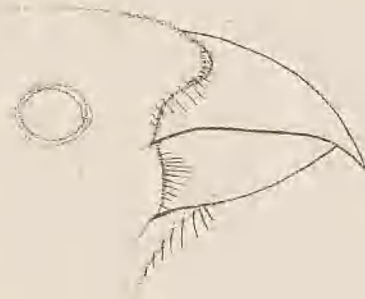
48. *Loxioid bailleui*.



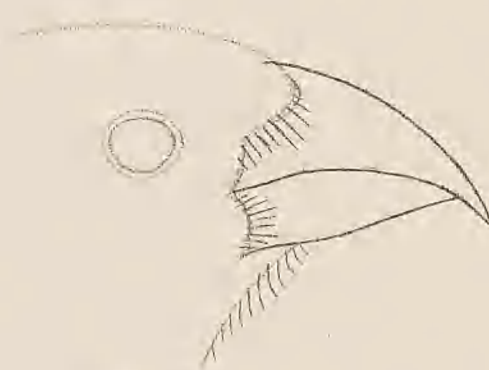
49. *Telespiza cantans*.



50. *Tel. flavissima*.



51. *Tel. flaviceps*.



52. *Tel. palmeri*.



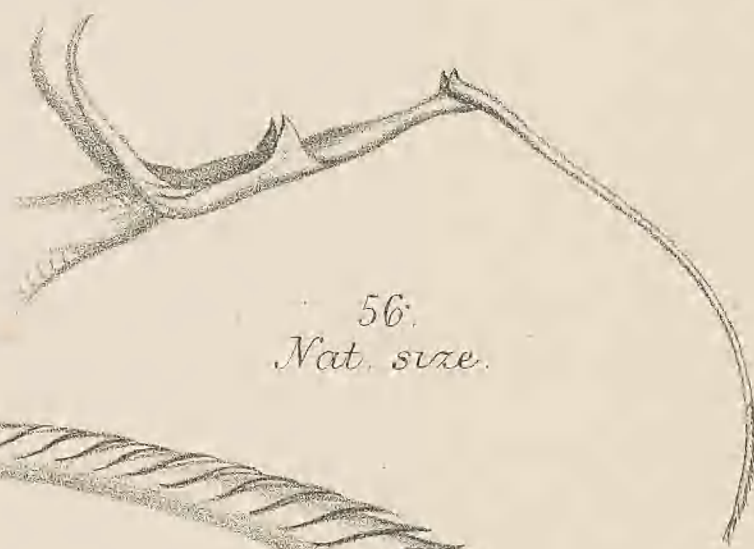
53. *Chloridops kona*.



54. *a. Magn. 4x.*



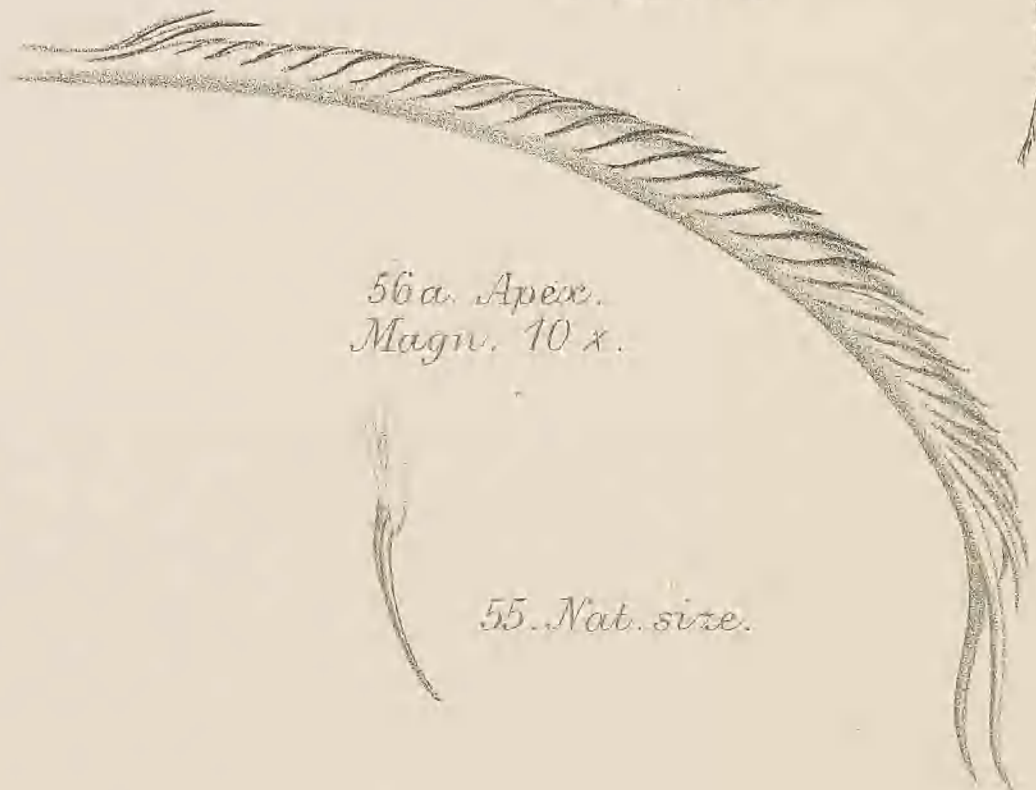
57.



56. *Nat. size.*



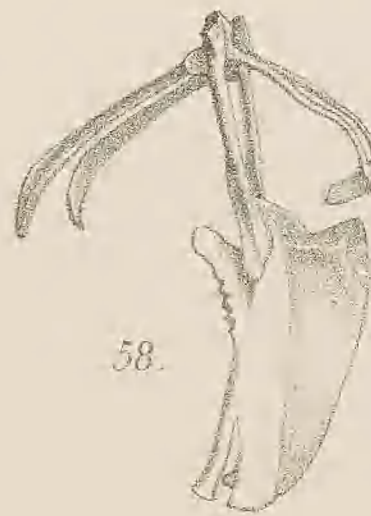
55. *a. Magn. 5x.*



56. *a. Apex. Magn. 10x.*



54. *Nat. size.*



58.

55. *Nat. size.*

54. & 54a. Tongue of *Pseudonestor xanthophrys*. 55 & 55a. Tongue of *Chloridops kona*. 56 & 56a. Tongue of *Drepanis pacifica*.
57 & 58. Sternum of *Drepanis pacifica*.

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